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Power-aware routing in mobile ad hoc networks - all 3 versions »

S Singh, M Woo, CS Raghavendra - ... annual ACM/IEEE international conference on Mobile computing ..., 1998 - portal.acm.org

... a case for using new **power-aware** metn.cs ... We present fiveerent metriw based on **battery** **power** consumption at ... specific components of the **computer** and optimizing ...

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Online **power-aware** routing in wireless Ad-hoc networks - all 33 versions »

Q Li, J Aslam, D Rus - ... the 7th annual international conference on Mobile computing ..., 2001 - portal.acm.org

... Javed Aslam, Daniela Rus Department of **Computer** Science Dartmouth ... a second online algo- rithm for **power-aware** routing ... The proliferation of low-**power** analog and ...

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Energy-**aware** wireless microsensor networks - all 24 versions »

VS Raghunathan, CSP Srivastava - Signal Processing Magazine, IEEE, 2002 - ieeexplore.ieee.org

... **communication** subsystem itself, al- lowing the **computing** subsystem to ... Energy-**Aware** Wireless **Communication** While **power** management of individual sensor nodes re ...

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[PS] PAMAS---**power aware** multi-access protocol with signalling for ad hoc networks - all 12 versions »

S Singh, CS Raghavendra - ACM SIGCOMM Computer Communication Review, 1998 - acm.org

... and large-scale use of mobile **computing** technology in ... needed for this type of a **communications** device ... the transmit queue) is fed to the **power aware** logic which ...

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Minimum-energy broadcast in all-wireless networks: NP-completeness and distribution issues

M Agalij, JP Hubaux, C Enz - ... the 8th annual international conference on Mobile computing ..., 2002 - portal.acm.org

... most cases the nodes are **battery**-operated. ... **Power-aware** broadcasting in mobile ad hoc networks ... **Computer** Systems Organization C.2 **COMPUTER-COMMUNICATION NETWORKS** C ...

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A survey on sensor networks - all 58 versions »

IF Akyildiz, W Su, Y Sankarasubramaniam, E Cayirci - Communications Magazine, IEEE, 2002 - ieeexplore.ieee.org

... Infrared **communication** is license-free and robust to ... which is an autonomous sensing, **computing**, and communi ... focusing on the design of **power-aware** protocols and ...

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Modulation scaling for Energy **Aware Communication** Systems - all 9 versions »

C Schurgers, O Aberthorne, M Srivastava - ... international symposium on Low power electronics and design, 2001 - portal.acm.org

... the same tradeoffs are present in **communications** as well. ... never been exploited for low **power** purposes ... this principle towards an energy **aware** wireless scheduling ...

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Energy-**aware** routing in cluster-based sensor networks - all 15 versions »

M Younis, M Youssef, K Arisha - Modeling, Analysis and Simulation of Computer and ..., 2002 - ieeexplore.ieee.org

... to be considered in designing a **power** efficient routing ... gateway node can apply energy-**aware** metrics to ... Analysis, & Simulation of **Computer** & Telecommunications ...

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Battery-aware Static Scheduling for Distributed Real-time Embedded Systems - all 18 versions »

J Luo, NK Jha - Proceedings of the 38th Design Automation Conference (DAC) ..., 1910 - doi.ieeecomputersociety.org

... lifespan evaluation metric which is **aware** of the ... 29% by optimizing the discharge

power file alone ... applications, such as mobile **computing**, wireless **communications** ...

[Cited by 92](#) - [Related Articles](#) - [Web Search](#)

[PDF] **Power-aware** broadcasting in mobile ad hoc networks - all 5 versions ...

S Singh, CS Raghavendra, J Stepanek - Proceedings of IEEE PIMRC, 1999 - cs.ucla.edu

... spe- cific components of the **computer** and optimizing ... energy consumption of the **communication** protocols to ... access, we developed a **power aware** protocol called ...

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